



Fig. 2 Control Data for Journal

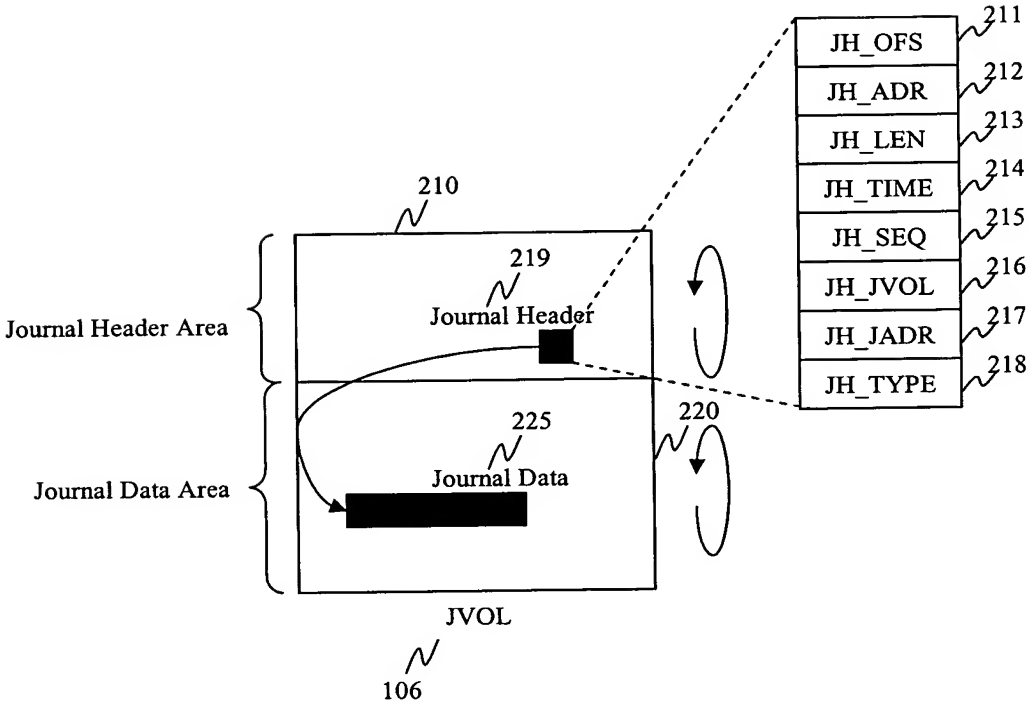


Fig. 3 MT(Management Table) 300

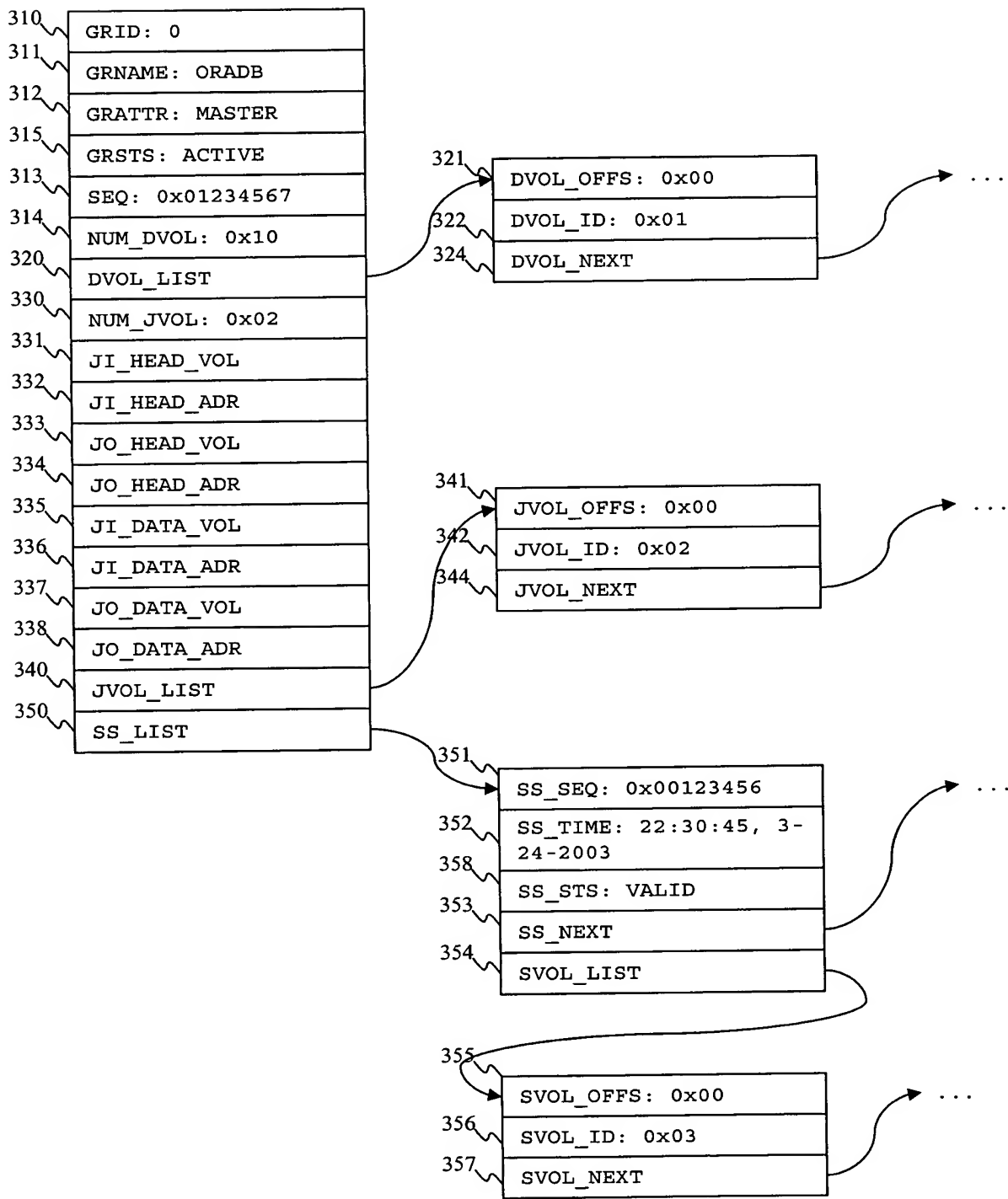


Fig. 3A MT(Management Table) 300'

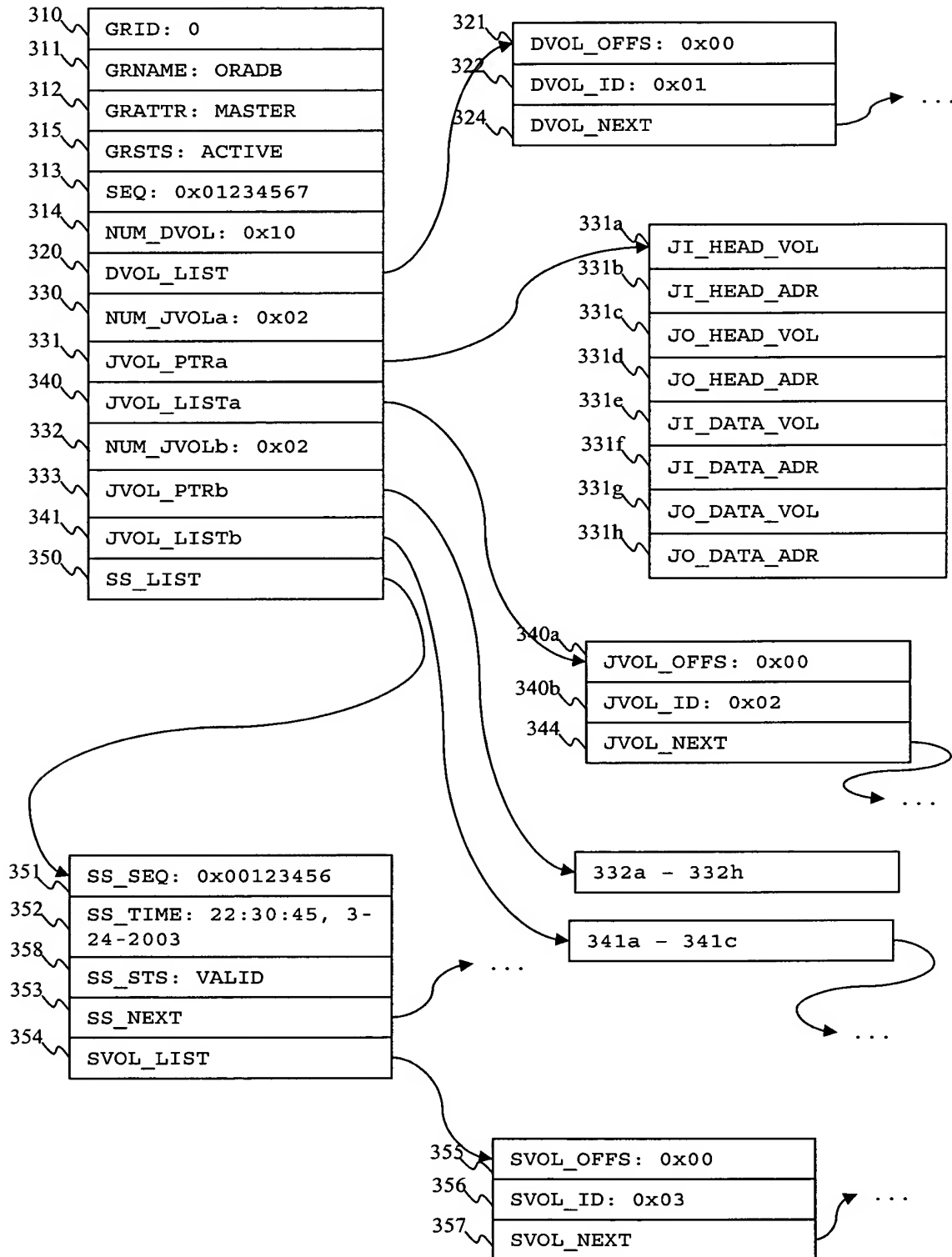


Fig. 4 Starting journal

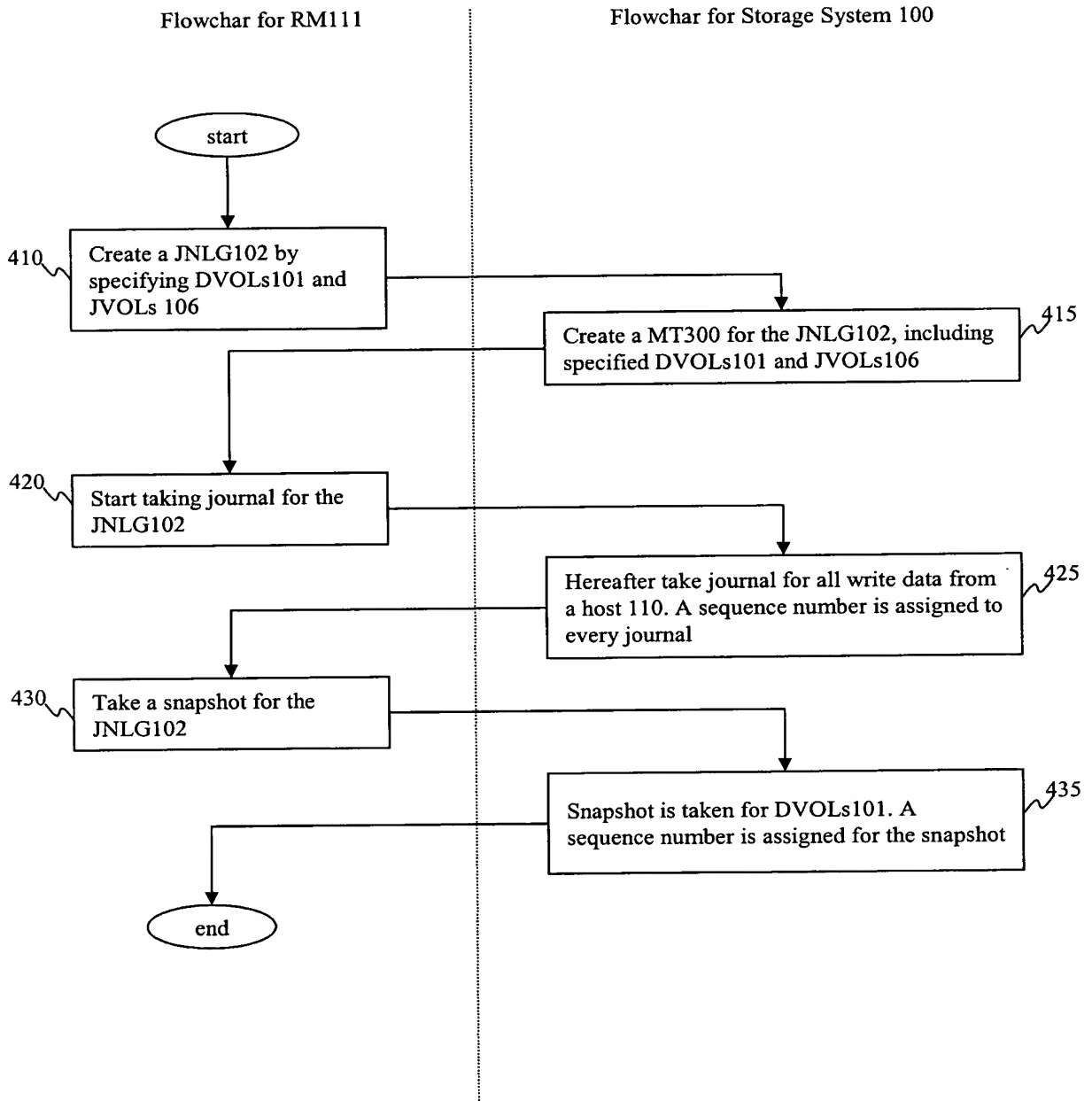


Fig. 5 Relationship between snapshot and journal

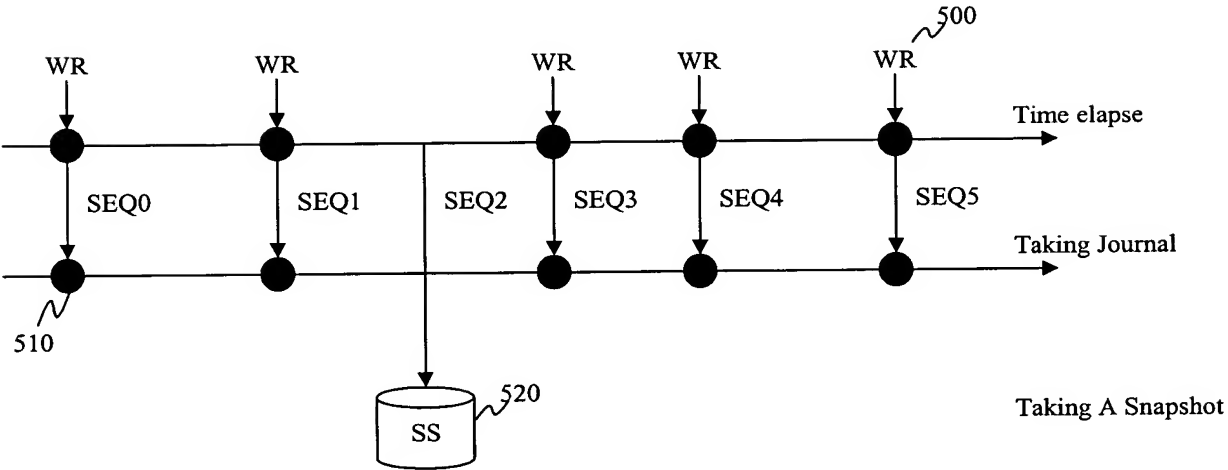


Fig. 5A Relationship between multiple snapshots and journal

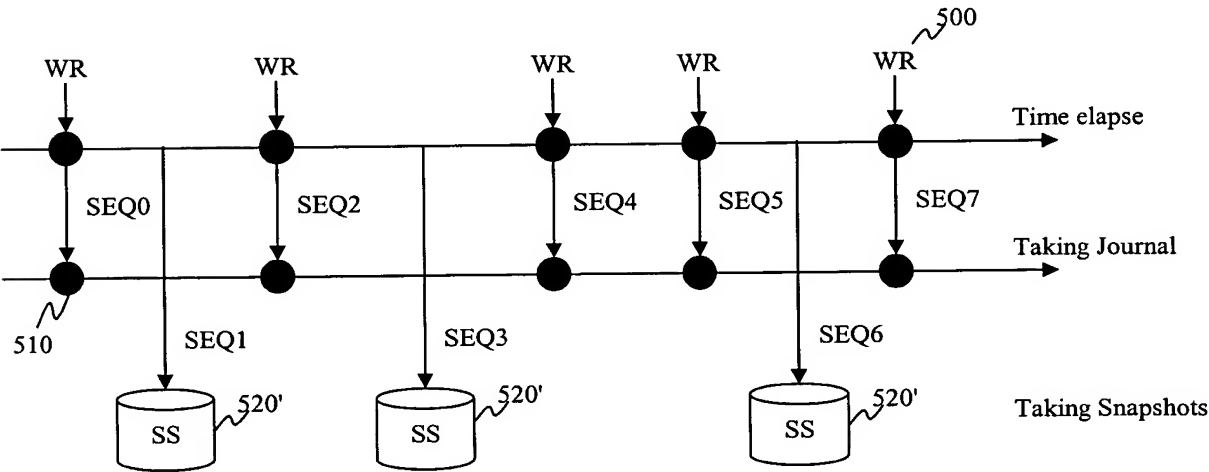
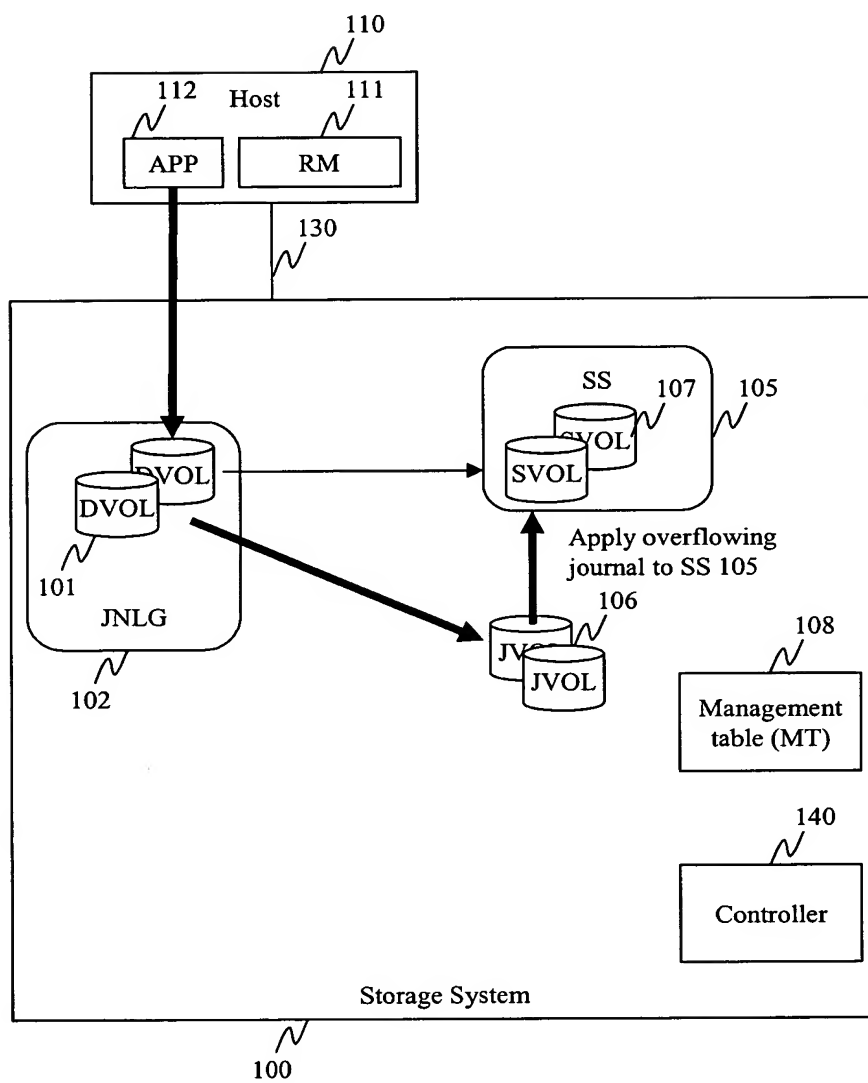


Fig. 6 Overflowing JNL



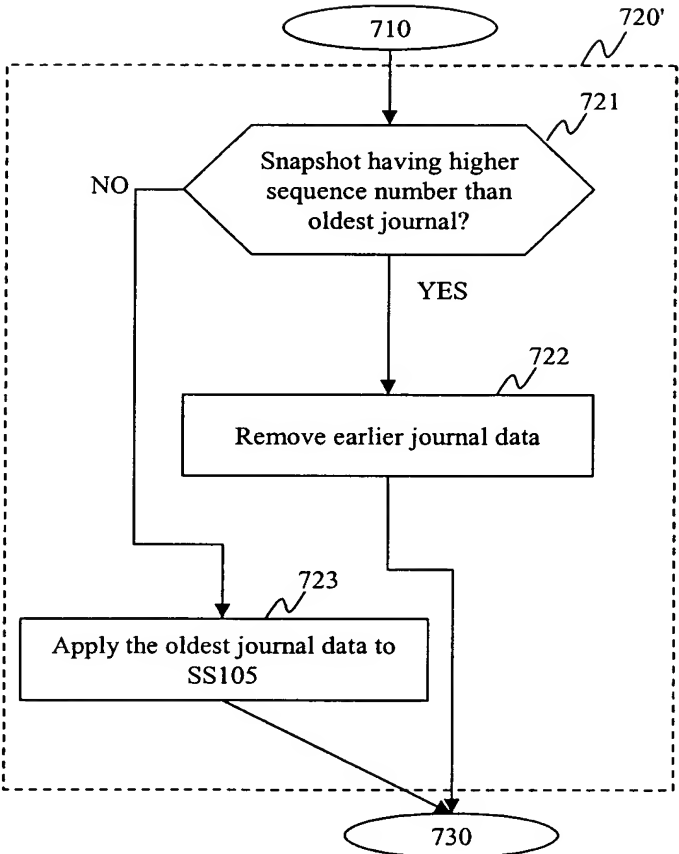
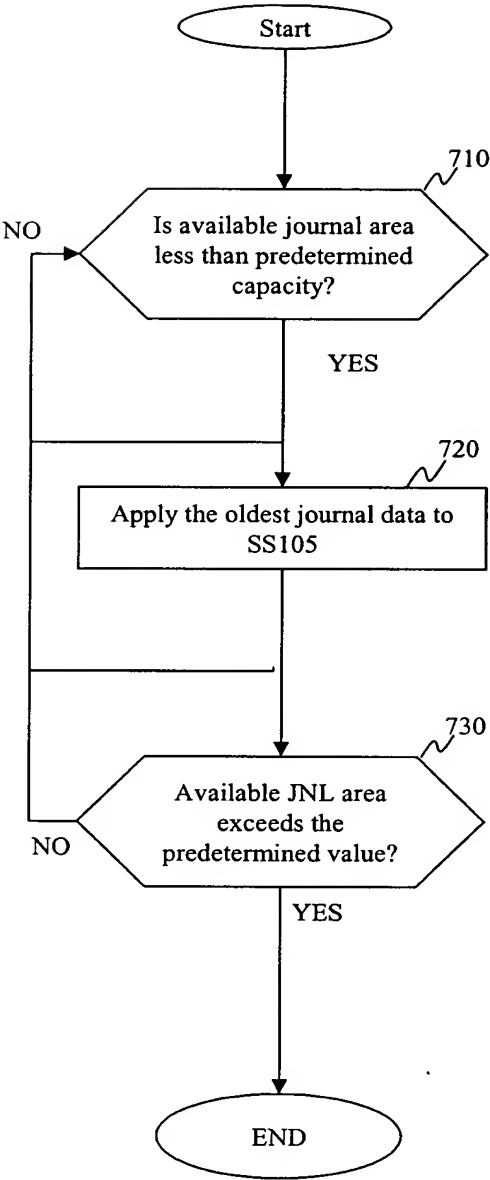


Fig. 7A

Fig. 7 Overflowing JNL



Fig. 8 Recovery procedure

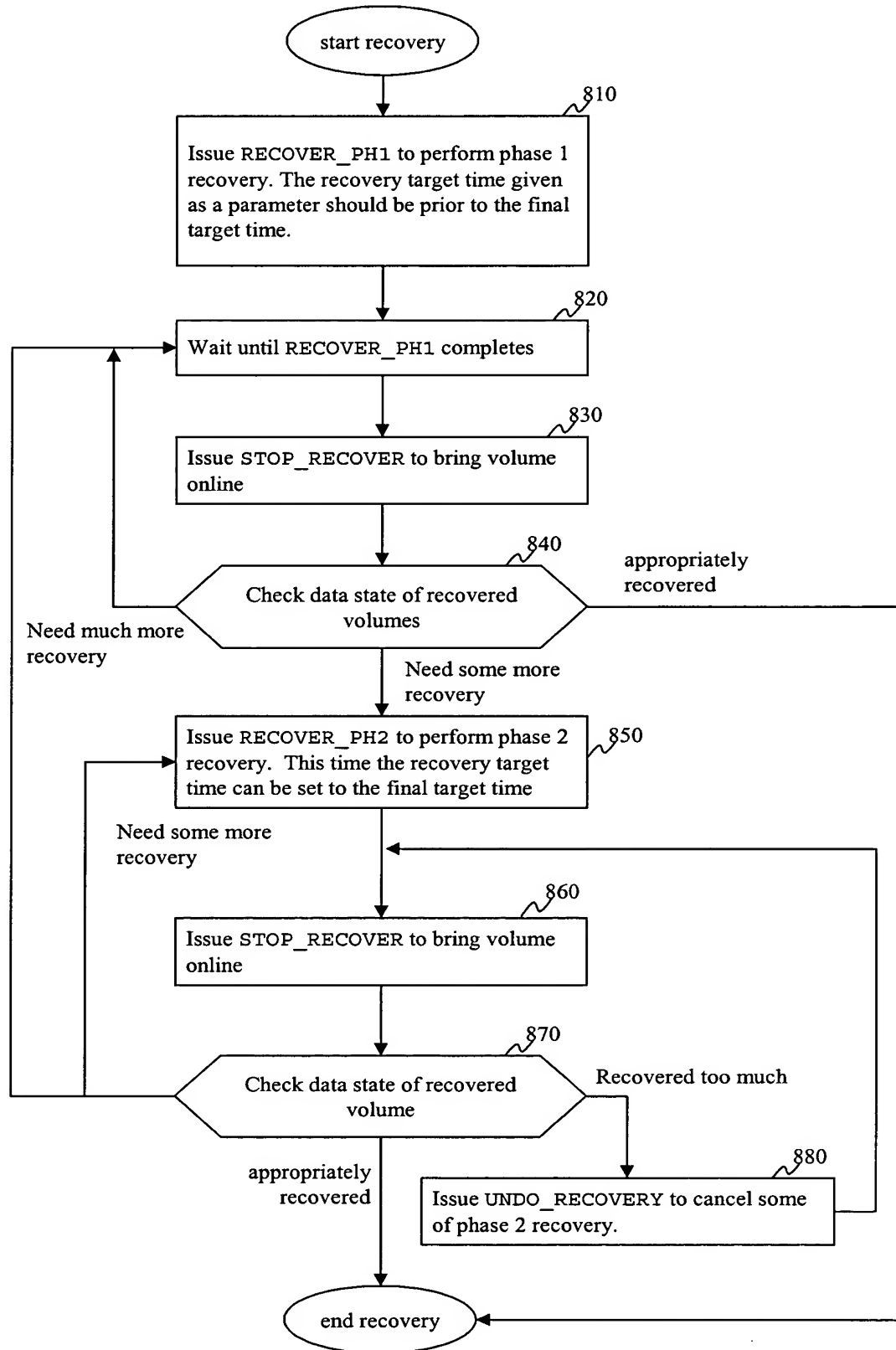


Fig. 9 Executing Phase1 Recovery

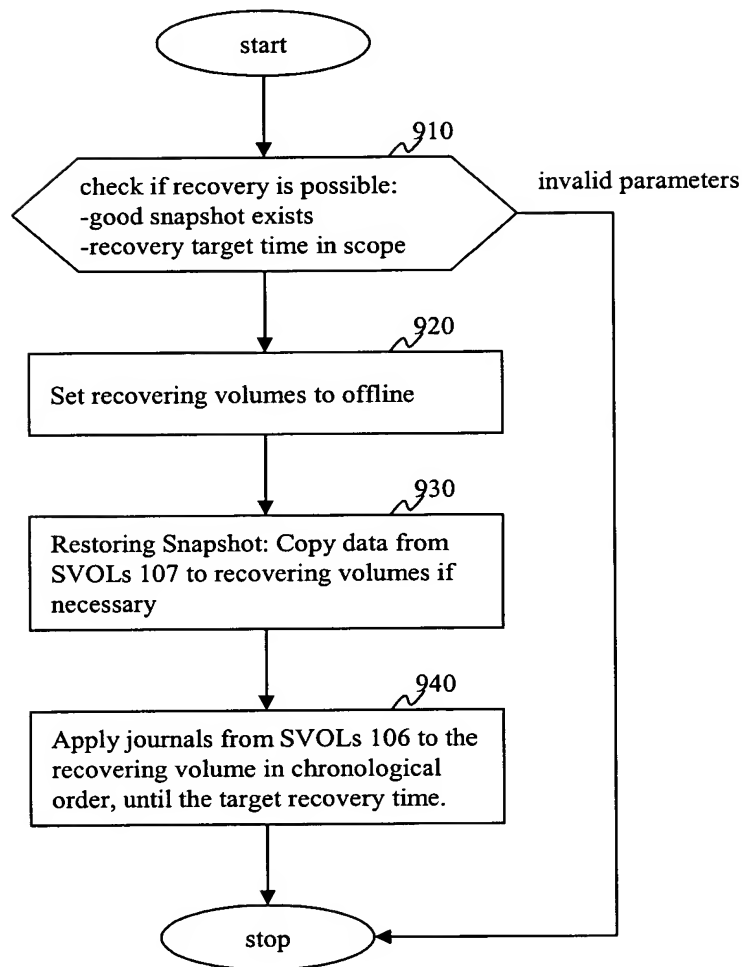


Fig. 10

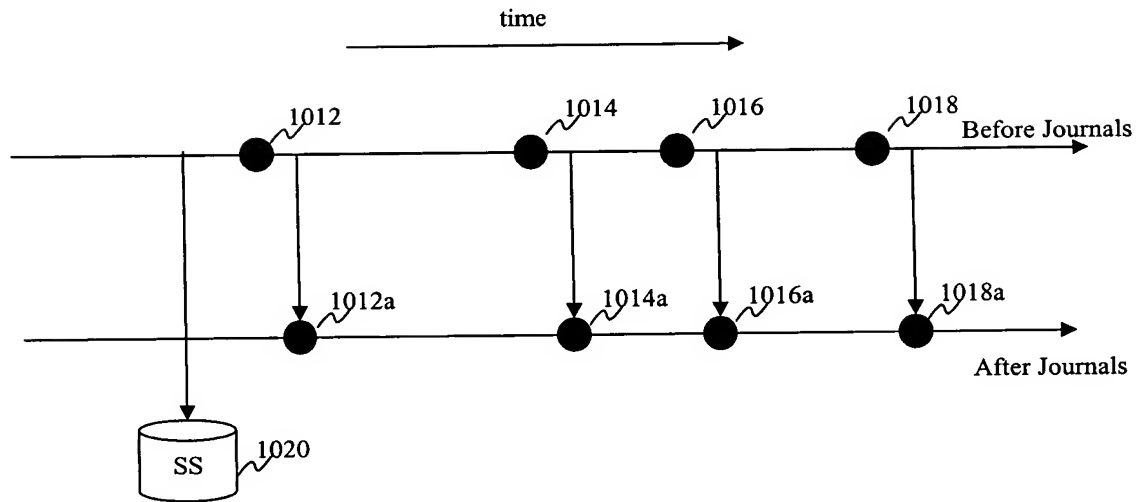


Fig. 11

